

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NAME OF COMPANY OR					The Charles	ALTO THE STATE OF			
Western E	Ingineering	Inc.	CITY			5-13-	-91		
2011 E. 1	71st. St.			elton	alesta en españo de Salvez.	Mo.	ZIP CODE 64012		
ESCRIPTION	OF WELL AND	LEASE	j.	ELCOIT	and the second section of the second second	IIIO •	04012		
ME OF LEASE			WELL NUMBE	R	John Market State (1900 th) - Control of the Control	ELEVATION (GROUND			
Clarke -	Beery Belt	con		3-2-A		1089.5	1		
LL LOCATION	001			E FROM SECTION LI	NE)				
LL LOCATION	20	35 FT. FROM (XI)(8		_2475'	FEET FROM (E) (VX)	SECTION LINE			
	16		TOWNSHIP 46N		RANGE	COUNTY			
AREST DISTANC						Cass			
STANCE FROM PE	ROPOSED LOCATI	ED LOCATION TO PR	HILING COMPLET	SE LINE 24	75 FEET ON THE	42	40'		
	DRIL	LING CONTRACTOR, NAM	ME AND ADDRESS	TED OR APPLIEL	O — FOR WELL ON THE ROTARY OR CABLE TOOLS	APPROX DATE WORK			
700'	Ra	am Drilling	Belton Mo.		Rotary	6-13-91			
MBER OF ACRES IN LE	NUM	MBER OF WELLS ON	LEASE, INCLUDIN	IG THIS WELL, C	OMPLETED IN OR DRII	LING TO THIS DEG	SERVOIR 24		
FASE DUDOUAG	11401	MOED OF ABANDON	-D WELLS ON LEA	ICE		THIS RES	JENVOIR		
ME Mara	thon Oil Co	MORE WELLS DRILL	ED, FROM WHOM	PURCHASED?		NO. OF WELLS: P	RODUCING 22		
	sa Ok.	•			The second second	The state of the s	INJECTION 1		
DRESS							INACTIVE 1		
STATUS OF E	20115	SINGLE WELL			☐ BLANKET BON		BANDONED		
	SOND	AMOUNT \$			AMOUNT \$ 2	20 000	ON FILE ATTACHE		
AMOUNT	SIZE	WT/FT	CEM.		CASING - TO BE F	ILLED IN BY SIA			
201			CEIVI.	AMOUNT	CITE	WITIET			
20'	61/4		5 sks	AMOUNT 70	SIZE 10	WT/FT	CEM.		
700	$\frac{6\frac{1}{4}}{2\frac{1}{2}}$			AMOUNT 20 700	61/4	WT/FT	CEM.		
			5 sks	20	1997.11	WT/FT	CEM.		
700	2½	Ceolos	5 sks 70 sks	20	21/2	WT/FT	CEM.		
700	$2\frac{1}{2}$ d, state that I a	m theGeolog	5 sks 70 sks gist	70	61/4 21/2	ern Engineer	CEM. 5 parks		
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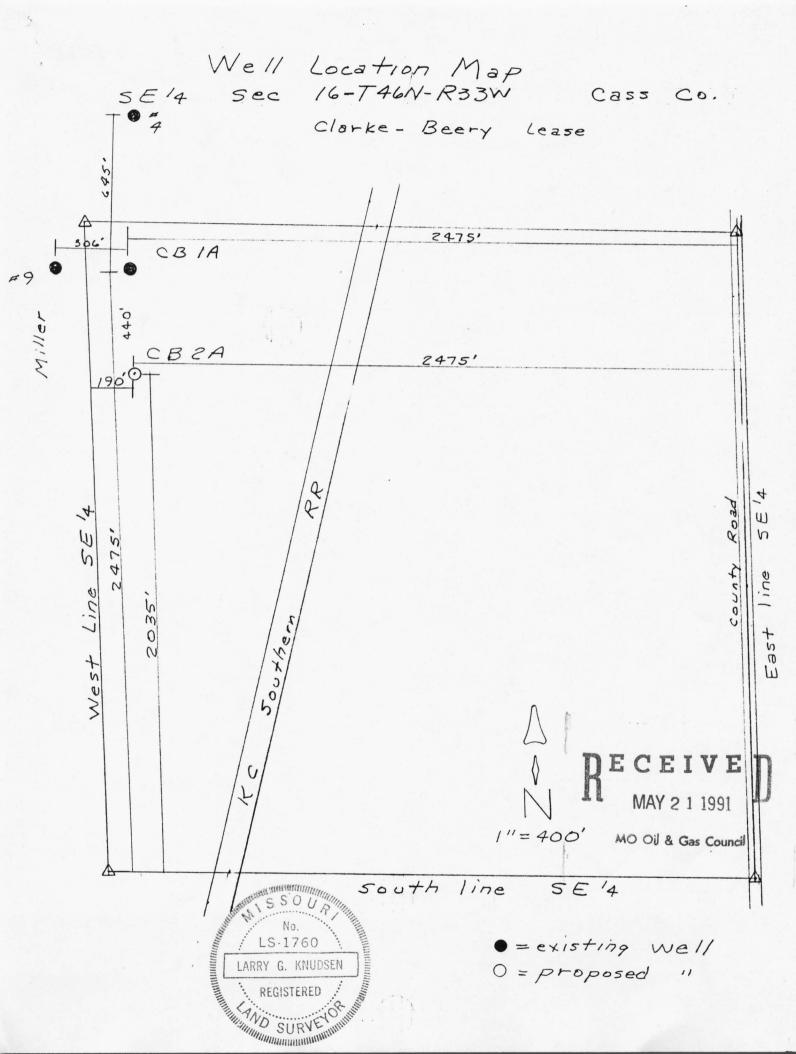
MO 780-0213 (10-87)

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

WELL LOCATION PLAT

OWNER					-				
Western	Ena	incer	100	- Kai	Soudal				
LEASE NAME				- 142	COL	INTY			
Clarke- Be	eery	Belt	on	Unit		Cass	5		
2035 FEET FROM S SEC	CTION LINE AND	2475 EEE	FROM	F SECTIO	NI INF OF C	0 16	TWO A	6 N DANGE =	>3 ///
2035 FEET FROM 5 SEC	THOR EINE AND		(E) - (W)	IN LINE OF SE	· · · · · · · · · · · · · · · · · · ·	, IWP	M, HANGE	<u>~~~</u>
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1" = 500'									
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REMARKS									
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INSTR	UCTIONS			This is to (Certify that	I have ex	ecuted	survey to acc	rately
On the above plat, show dista	nce of the pre	oposed well f	rom the					10 CSR 50-2:0	
two nearest section lines, the									
nearest well on the same leas	that the results are correctly shown on the above plat.0								
same reservoir. Do not confus					L MAN	Y 2 1 19		**************************************	
rule 10 CSR 50-2.030 for surve	ey requiremen	nts. Lease lin	es must		91	REGISTERED .:	Mille		
be marked.					1100		The AN	SEA	Califf
	(0) 005:55	TO.		REGISTERED LA	ND SURVEYOR	V & Gas Co	uncil 4/1/1/	NUMBER	111.
	(2) COPIES							"Manning and a second	
MISSOURI OIL				Larry	4.3	5)		1 N	
P.O. BOX 250,	HULLA, MU	03401		a arry	0.	Bomo	lsen	L5 1760	2

5/14/91



WELL REFERENCE TIES

WELL NO. 2A IN SE. 1/4 OF SEC. 16 T 46 N. R 33 W

RECEIVE D MAY 2 1 1991

MO Oil & Gas Counci'

40" Well # 2A Wes+ Line x hedge Tree LS-1760 LARRY G. KNUDSEN This is to certify that the above reference ties shown are in accordance with current minimum standards for SUK VINNING property boundary surveys as established by The Missouri Dept. of Natural Resources. 10 CSR 30-2.010

O 40" hedge tree

Sheet 2 of 2

Larry D. Smudsen



MO 780-0215 (1-86)

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

Form OGC-5

(Rev. 1-86)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

X NEW WELL W	VORKOVER	DEEPEN	PLUG BACK	INJECTION	SAME	RESERVO	DIR DIFFE	RENT RESERVO	IR XD (DIL GAS DRY	
OWNER					ADDRESS						
Western Engir	EW Stal		2011 E 171st St. Belton, MO 64012								
LEASE NAME					WELL NUMBER						
Clarke Berry-	- Belton U	Unit			13	CB	2A				
LOCATION		SEC. TWP. AND RANGE OR BLOCK AND SURVEY									
	2475' FEL				16 46N 33W						
COUNTY	PE		(OGC-3 OR OGC-3	31)					1		
Cass			529								
DATE SPUDDED		ATE TOTAL DEF		DATE COMPLE PRODUCE OR	ELEVATION (DF, RKR, RT, OR INJECT Oct. 1–9 TEET 1089.5 GR				ir.) ELEVATION OF CASING HD. FLANGE		
Sept. 10, 199	91 PI	Sept.			OCT	. 1-9	108	39.5 GR	FEET		
622'		LOG BACK TOTA	615	: 1							
PRODUCING OR INJECT	TION INTERVAL(S)	FOR THIS COM		,	ROTARY TO	OLS LISED	(INTERVAL)		TCABLE	TOOLS USED (INTERVAL)	
527' - 615'					_0		то 6	522	- CABLE	(INTERVAL)	
WAS THIS WELL DIRECT	TIONALLY W	AS DIRECTION	AL SURVEY MADE?		DRILLING FLUID USEDA_			FILED?	DATE	FILED	
DRILLED?		no									
TYPE OF ELECTRICAL C	OR OTHER LOGS R	IUN (LIST LOGS	FILED WITH THE S	TATE GEOLOG	GIST)				DATE	FILED	
NA	MARKET STATE OF THE STATE OF TH										
					RECORD						
CASING (REPORT AL	7					PRODUC	CING, ETC.)				
PURPOSE	SIZE HOLE DE	RILLED SIZ	SIZE CASING SET		T (LB. FT)	DE	PTH SET	SACKS CEM	ENT	AMOUNT PULLED	
Surface	urface 8 3/4"		7"			21'		4		None	
Casing $2\frac{1}{2}$ "		3/4" 2	8.7		527'		1	135		None	
									145	9	
	TUBIN	G RECORD						INER RECORD			
SIZE	DEPTH SET	PACKER S	SET AT SIZE		ТОР		ВОТТОМ	SACKS C	EMENT	SCREEN	
IN.		EET	FEET	INCH	527	FEET	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	FEET		FEET	
	PERFORA	TION RECOR	D			ACID,	SHOT, FRACT	URE, CEMENT S	QUEEZE	RECORD	
NUMBER PER FEET	SIZE AND T	YPE	DEPTH INTERVAL			AMOUNT AND KIND OF MATERIAL USED			DEPTH INTERVAL		
none											
				THE RESIDENCE OF THE PARTY OF T	RODUCTION						
DATE OF FIRST PRODUC		ION PROD	UCING METHOD (I	NDICATE IF FL					ZE AND T	YPE OF PUMP.	
Oct. 2, 1991		101/5 0175		umping			bbl. pu				
		HOKE SIZE	OIL PRODUCED	DURING	TEST			TECT	PRODUCED DURING OIL GRAVITY		
Oct. 2 1 TUBING PRESSURE	Week CASING PRESS	SUBE CAL'T	8.5	bbls.	NA OIL	10	MCF	WATER	70 _{bb}	bls. 25 API (CORR.)	
-			4 HOURS							GAS OIL RATIO	
NA DISPOSITION OF GAS (S	NA TATE WHETHER V	ENTED, USED F	1.2		1.2	bbls.	MCF	24.5	bt	bls.	
vent				'							
METHOD OF DISPOSAL (OF MUD PIT CONT	ENTS		-					ared gare to		
Contents was	s pumped o	out and s	seperated					T C E	V		
CERTIFICATE: 1, THE L				Geologi		I AM ALITI				OF THE	
REPORT WAS PREPARED	O UNDER MY SUPF	RVISION AND F	DIRECTION AND TH							BEST OF MY KNOWLEDGE.	
DATE		SIGNA	TURE				oc, Johned				
Oct. 30, 199	91		I aylo MO Oil & Gas Council								

RAM DRILLING CO.

Well NoCB-2A		SET IN PIPE Size S.C. 7"		PERN	ANENT CSG.	TU	BING	FORMATION DRILLED				
		3-ZA	Size _	5.6. /		Size _	22 0.5.	Size	(in the second	STRATA THICKNESS	FORMATION DRILLED	T.D.
Farm Feet				Feet 615 Feet			-	3	surface	3		
Water Streak @ Cond									8	clay	11	
				nd		T.D. at Completion 622!				34	1s	45
Approvedsu					Contractor				1990	35	sh	80
ATE	HOURS OF TOUR	DRI	LLED	Start	Stop	Min	Remarks		Connect.	12	1s	92
	OFTOUR	FROM	1	Deare	Cop	1	10		A Secretary Control	18	sh	110
		1	2							5	1s	115
		2	3							22	sh	137
		3	4							6	ls,ss	143
		4	5							12	1s	155
		5	6							7	sh	162
			7							10		172
		6	8							1	sh	173
		8	9							20	1s	193
		9	9							7	sh	200
			1							19	1s	219
		0	2							3	sh	222
		1	2	1						2	1s	224
		2	4							5		229
		3 4	- 4								sh	235
		5		1						130	1s	365
		6	-	7					4.	31	sh	
	-	7				1.	generalistic construction (generalistic court, angle (benedic structure) and (benediction for standard reconstruction)			1	sh,ss	396
		8	8	1		1					ls	297
		1								13	sh	410
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		0							'A'	17	sh	430
		$\frac{1}{2}$		2					io :	9	ls 1	439
		2		3		+				3	sh	442
		3		4					*:	6	SS	448
		4	1	5		+-+				15	sh	463
		5		6		+				4	ls	467
		6	1000	7		++				8	sh	475
		7		8				(2	ls .	477
		8		9					district	48	sh	525
		9		0						2	ss,sh	527
		0	1	1			Marin and the state of the stat			2	ls,ss	529
		1		2		++				23	ss,sh	552
	Alar-	2		3		1			1.63	1	ls .	553
		3		4				a na maika	100 TO 10	4	ss,sh	557
		4		5		-				7	ss,sh	559
	- 18 M	5	-	6	-	-				15	ss	574
	1/5-17	6	-	7	N,			1.00	1000年,日日 阿姆 拉拉尔公司,	2	ls	576
*	lega v	7		8				F 88 E		5	SS	581
	- 87	38	3	9			DECE.	VE	Manager Strategy and Strategy a	6.	ss,sh	587
	24%	C)	0			IL NOV 0	4 1991 °	Ш ,	31	ss	618
			1 7 1 1	11 - 27				3.4	and the state of t	2	ss;sh	620
							MO Oil &	Gas Counc	il Wale	2	sh	622 TD
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						8						